

IN THE CLAIMS:

Please amend the claims, as follows:

Claim 1 (currently amended): Double-bottom tank and mixing auger for chopping animal feed, ~~of the type that is used in~~ for agricultural installations to prepare animal feed. ~~These tanks have chopping devices comprising of one or more screws with spirals placed at the bottom of the tank that cut the forage and mix it with different cereal flour. The invention is characterized in that the~~ , comprising: a tank with a body (1) having a rounded bottom (2) and an insert (3) close to a center of the rounded bottom, the insert being curves, having a variable thickness and having a bevel edge (4) around a perimeter of the insert that starts at a base of the insert and ends at a top face of the insert ~~—2— of the body—1— of the tank has an insert —3— placed close to its centre .~~

Claim 2 (currently amended): Double-bottom tank and mixing auger for chopping animal feed, according to claim 1, wherein the insert ~~as described in the previous claim, characterized in that the insert —3—~~ is inclined in such a way that two thirds of it rest against either side of the tank.

Claim 3 (canceled).

Claim 4 (currently amended): Double-bottom tank and mixing auger for chopping animal feed, according to claim 1, including a ~~as described in the previous claims, characterized in that the~~ mixing auger ~~[[—5—]]~~ (5) which includes two blades disposed at 180° that have a laminar section and variable thickness, and are placed at ~~[[the]]~~ a shaft's geometrical ~~[[centre]]~~ center; ~~[[the]]~~ a reduced diameter of these blades improves the mixing process of the product whilst it is turned around, helping the mixture to move forward and significantly reducing mixing times.